DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

02/03/2012

Khushbu Mehta
Assistant District Attorney, Norfolk County

Dear ADA Mehta,

Enclosed is the information you requested in regards to Commonwealth vs. █████████
Included are copies of the following:

1. Drug Analysis Laboratory Receipt.

2. Control Cards with analytical results for samples # ████████

3. Analysis sheets with custodial chemist's hand notations and test results.

4. GC analytical data for sample # ██████

5. GC/Mass Spectral analytical data for samples # ██████

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Lisa Glazer analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Annie Dookhan
Chemist
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6622

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

Boston Drug Laboratory
Tel (617) 983-6622
Fax (617) 983-6625

Amherst Drug Laboratory
Tel (413) 545-2601
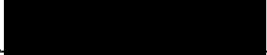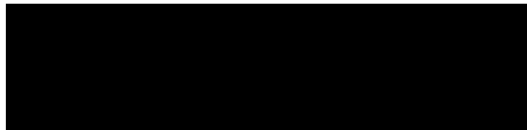Fax (413) 545-2608

Boston Hours
8:00 – 11:00
2:00 – 4:00

DRUG RECEIPT

Amherst Hours
9:00 – 12:00
1:00 – 3:00

City or Department: _____Norwood_____ Police Reference No.: █████████
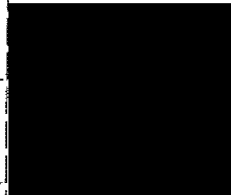
Name and Rank of Submitting Officer: _____off Thomas Arwine_____

Defendant(s) Name (last, first, initial):

████████████████

To be completed by Submitter Description of Items Submitted	To be completed by Lab Personnel Gross Weight	Lab Number
⑤ Green Rectangular Tablets / Plastic Packaging	2.77g	████████
② Caps w/ Brown Powder Residue / Plastic Packaging	6.17g	████████

Received by: _____PP_____ Date: ___2-11-11___

No. ████████

City: Norwood Police Dept.

Officer: P.O. ANNINO

Def: ████████████

Amount: ████████████

No. Cont: 2   Cont: bc

Date Rec'd: 02/11/2011

Gross Wt.:   6.17

Date Analyzed: 4/8/11

Subst: RES

No. Analyzed:

Net Weight:

Tests: 5 A

Prelim: Heroin

Findings: Heroin

DRUG POWDER ANALYSIS FORM

SAMPLE # ████████ AGENCY _Norwood_ ANALYST _ASD_

No. of samples tested: _____ Evidence Wt. _____/_____

PHYSICAL DESCRIPTION:

Residue in 2 bottle cap

w/ cotton ball

rinsed

Gross Wt ( ): _____

Gross Wt ( ): _____

Pkg. Wt: _____

Net Wt: _____

PRELIMINARY TESTS
Spot Tests

Cobalt
Thiocyanate (–) – _____

Marquis + _____

Froehde's + _____

Mecke's + _____

Microcrystalline Tests

Gold
Chloride _____

TLTA ( ) _____

OTHER TESTS

_____

GC + _____

_____

PRELIMINARY TEST RESULTS

RESULTS _Heroin_ _____

DATE _04-5-11_ _____

GC/MS CONFIRMATORY TEST

RESULTS _Heroin_ _____

MS
OPERATOR _LNG_

DATE _4-8-11_ _____

Revised 7/2005

File C:\CHEM32\1\DATA\SIG1000003.D
le Name: BLANK
==
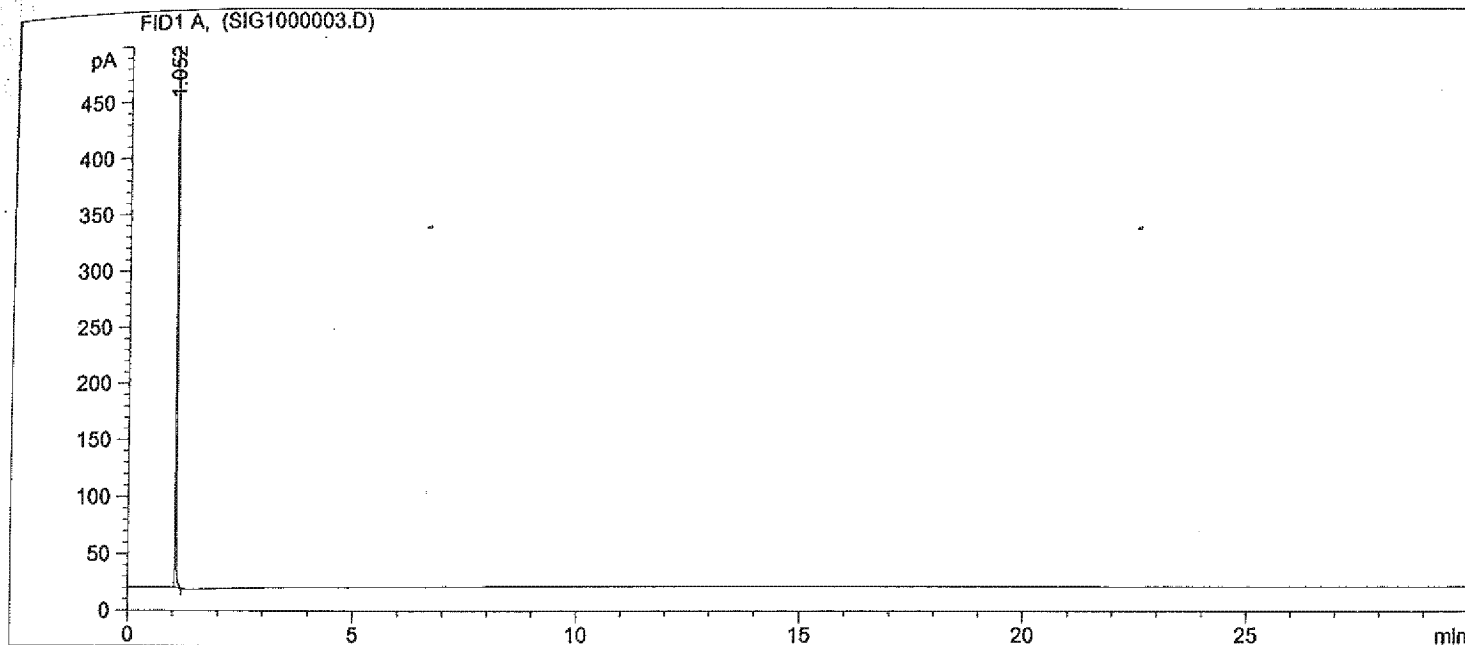Acq. Operator   : ASD   Seq. Line :   3
Acq. Instrument : DrugLab GC #2   Location : Vial 3
Injection Date : 4/5/2011 1:54:39 PM   Inj :   1
                                          Inj Volume : 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method   : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed   : 3/9/2011 1:49:11 PM by ASD
==

==
                        Area Percent Report
==

Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Sample Amount: :   1.00000 [ng/ul]   (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type   Area   Height   Area
  #   [min]   [pA*s]   [pA]   %
----|-------|--|----|----------|----------|--------|
  1   1.052   1 BB S 7.06990e4 7.27859e4 1.000e2

Totals :   7.06990e4 7.27859e4

==
                    *** End of Report ***

DrugLab GC #2 4/5/2011 2:24:39 PM ASD   Page   1 of 1

Folk_OIG_PRR_019979

Acq. Operator	: ASD		Seq. Line	:	4
Acq. Instrument	: DrugLab GC #2		Location	:	Vial 4
Injection Date	: 4/5/2011 2:29:36 PM		Inj	:	1
			Inj Volume	:	1 μl

Sequence File	: C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method	: C:\CHEM32\1\METHODS\GENSCAN.M
Last changed	: 3/9/2011 1:49:11 PM by ASD

==

==
Area Percent Report
==
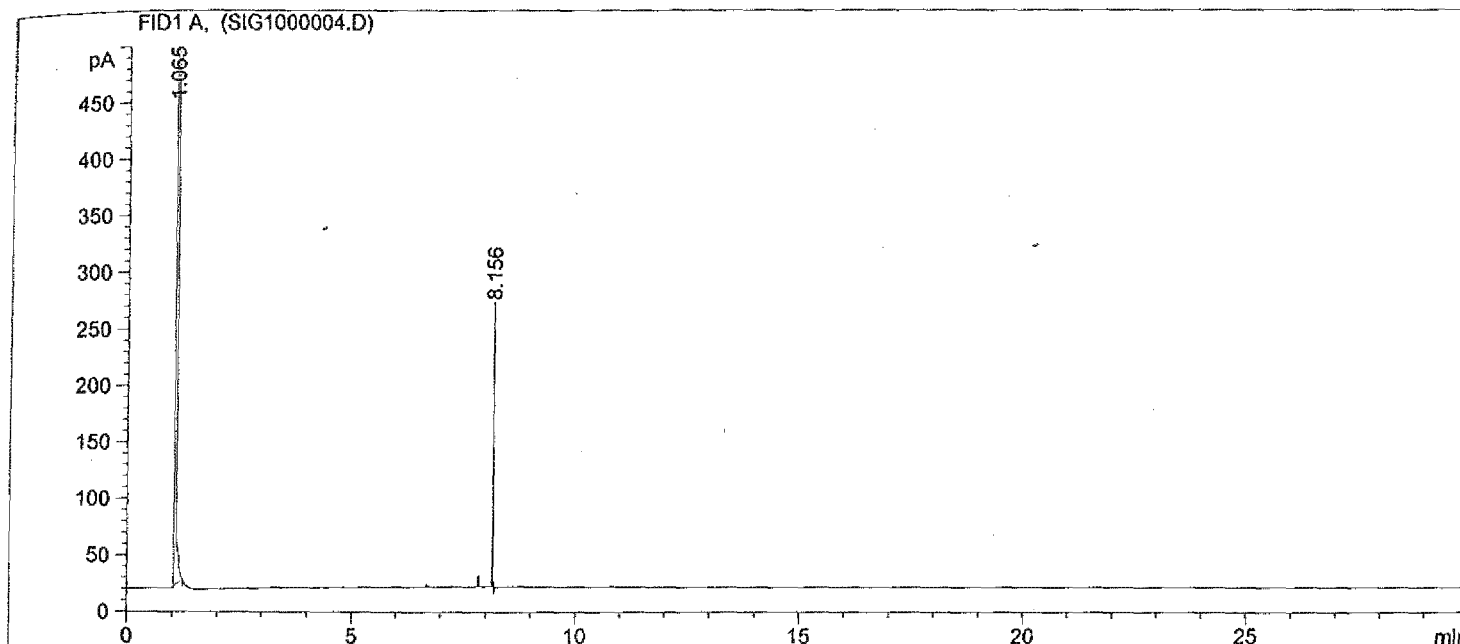
Sorted By	:	Retention Time
Multiplier:	:	1.0000
Dilution:	:	1.0000
Sample Amount:	:	1.00000 [ng/µl] (not used in calc.)

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.065	1	BB S	1.01449e5	8.55957e4	99.77966
2	8.156	1	BB	224.02466	248.80058	0.22034

Totals : 1.01673e5 8.58445e4

==
*** End of Report ***

==

Operator	: ASD	Seq. Line :	14
Instrument	: DrugLab GC #2	Location :	Vial 14
Injection Date	: 4/5/2011 8:18:36 PM	Inj :	1
		Inj Volume :	1 μl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method   : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed   : 3/9/2011 1:49:11 PM by ASD

==

==

                        Area Percent Report

==
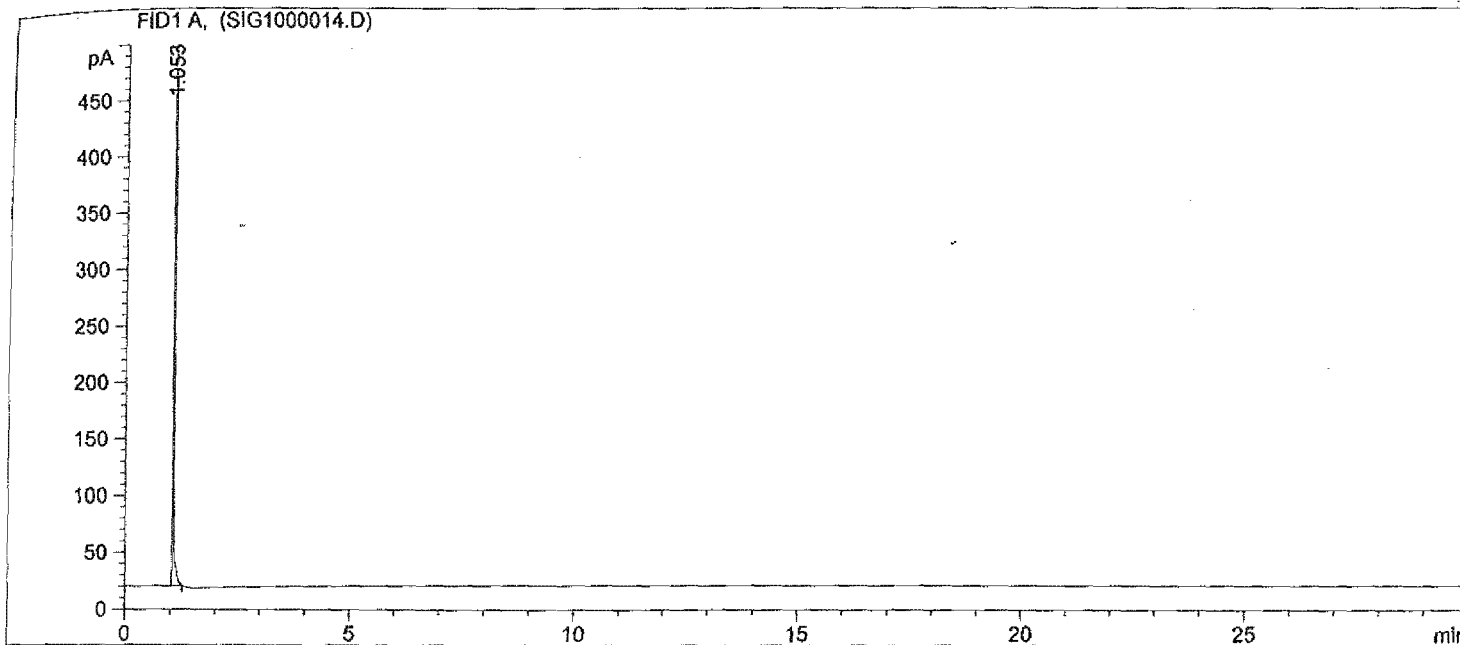
Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Sample Amount: :   1.00000 [ng/ul]   (not used in calc.)
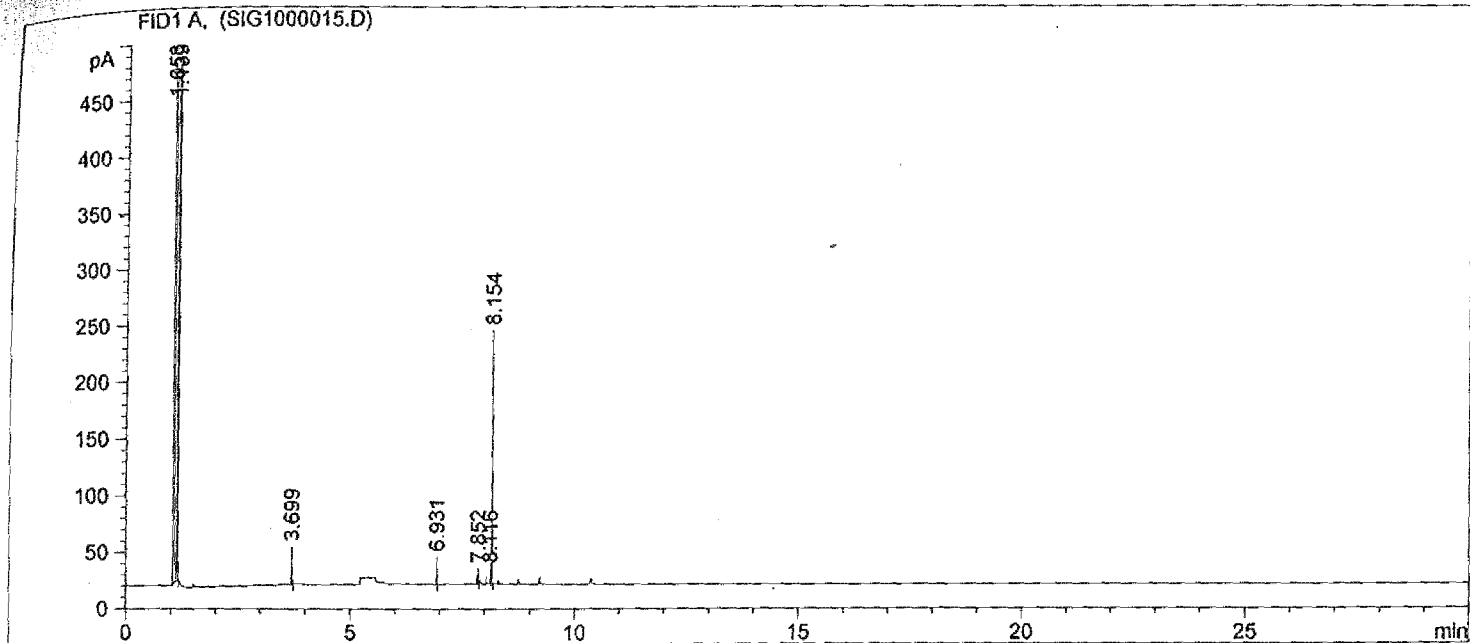Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.053	1	BB S	7.52411e4	7.39348e4	1.000e2

Totals :   7.52411e4   7.39348e4

==

                      *** End of Report ***

```
===============================================================
Operator       : ASD                        Seq. Line :   15
Instrument     : DrugLab GC #2               Location  : Vial 15
Injection Date : 4/5/2011 8:53:30 PM             Inj  :    1
                                          Inj Volume  : 1 µl

Sequence File  : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method         : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed   : 3/9/2011 1:49:11 PM by ASD
===============================================================
```



```
===============================================================
                  Area Percent Report
===============================================================

Sorted By            :         Retention Time
Multiplier:          :            1.0000
Dilution:            :            1.0000
Sample Amount:       :            1.00000   [ng/ul]    (not used in calc.)
Do not use Multiplier & Dilution Factor with ISTDs


Signal 1: FID1 A,

Peak RetTime Sig Type    Area        Height      Area
  #   [min]            [pA*s]        [pA]         %
----|-------|---|----|----------|----------|--------|
  1   1.053  1  BV S 6.28153e4  6.96976e4  87.06885
  2   1.139  1  VB S 9054.08301 1.28984e4  12.54995
  3   3.699  1  BB     25.80680   32.74217  0.03577
  4   6.931  1  BB     18.10347   24.11078  0.02509
  5   7.852  1  VV     13.20108   13.64090  0.01830
  6   8.116  1  BV     15.92443   13.50617  0.02207
  7   8.154  1  VB    201.98016  223.46530  0.27997

Totals :            7.21444e4  8.29035e4


===============================================================
                  *** End of Report ***
```
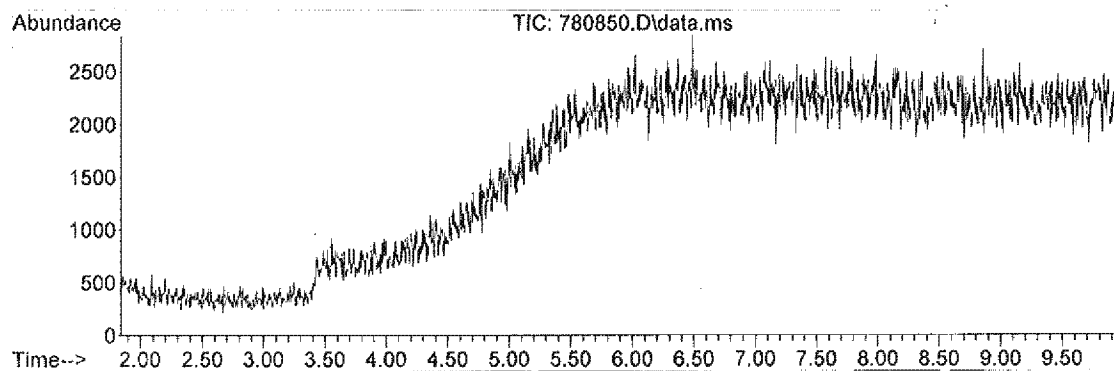
DrugLab GC #2 4/5/2011 9:23:30 PM ASD   Page   1 of 1

Information from Data File:
File Name   : F:\Q2-2011\SYSTEM 7\04_06_11\780850.D
Operator   : LAG
Date Acquired : 6 Apr 2011 22:40
Sample Name   : BLANK
Submitted by   :
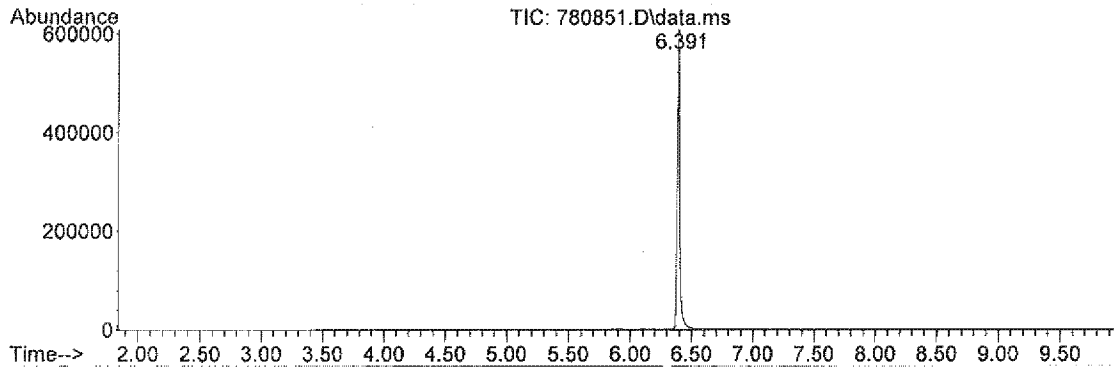Vial Number   : 1
AcquisitionMeth: DRUGS.M
Integrator   : RTE

TIC: 780850.D\data.ms

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS
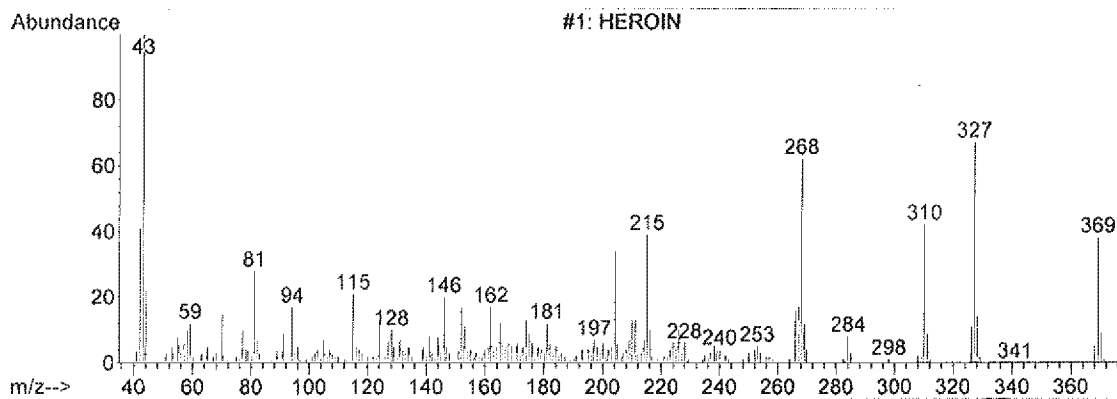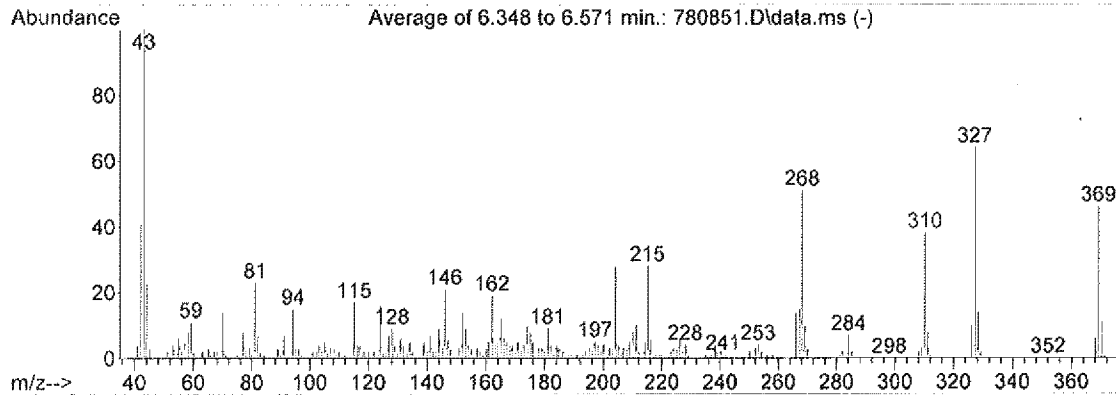
Information from Data File:
File Name   : F:\Q2-2011\SYSTEM 7\04_06_11\780851.D
Operator   : LAG
Date Acquired : 6 Apr 2011 22:52
Sample Name   : HEROIN STD
Submitted by :
Vial Number   : 51
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Abundance
600000   TIC: 780851.D\data.ms
                                        6.391

400000

200000

0
Time--> 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50

Ret. Time	Area	Area %	Ratio %
6.391	868255	100.00	100.00

Information from Data File:
File Name   : F:\Q2-2011\SYSTEM 7\04_06_11\780851.D
Operator   : LAG
Date Acquired : 6 Apr 2011 22:52
Sample Name   : HEROIN STD
Submitted by   :
Vial Number   : 51
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST05a.L   Minimum Quality: 80
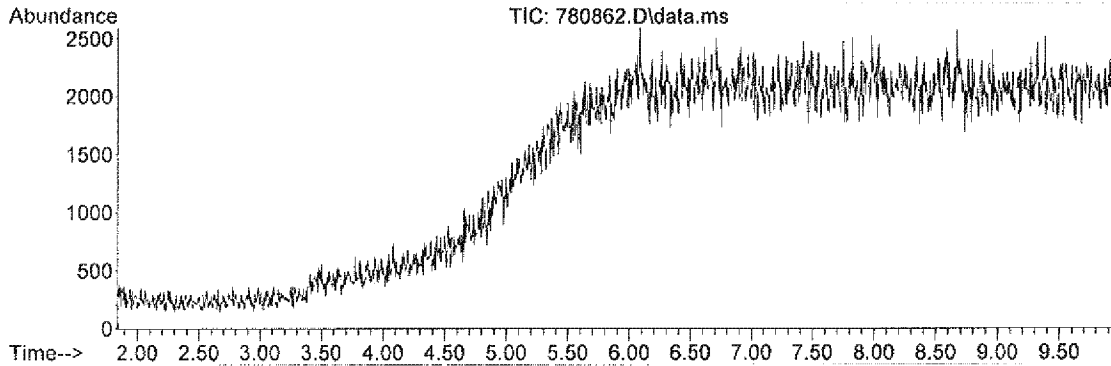   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.39	C:\Database\SLI.L		
		HEROIN	000561-27-3	99

Abundance   Average of 6.348 to 6.571 min.: 780851.D\data.ms (-)

Abundance   #1: HEROIN

```
Information from Data File:
File Name     : F:\Q2-2011\SYSTEM 7\04_06_11\780862.D
Operator      : LAG
Date Acquired :  7 Apr 2011   1:10
Sample Name   : BLANK
Submitted by  : ASD
Vial Number   :  2
AcquisitionMeth: DRUGS.M
Integrator    : RTE
```
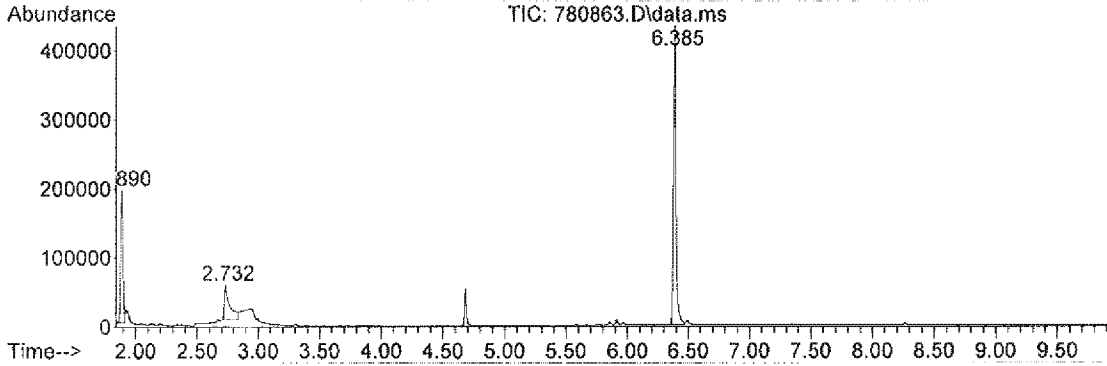

TIC: 780862.D\data.ms

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

780862.D   Thu Feb 02 13:44:43 2012   Page 1

Area Percent / Library Search Report
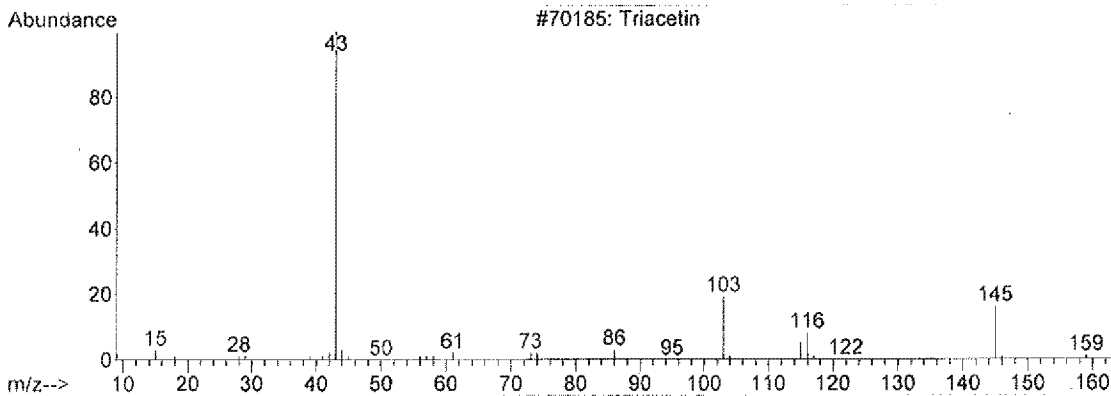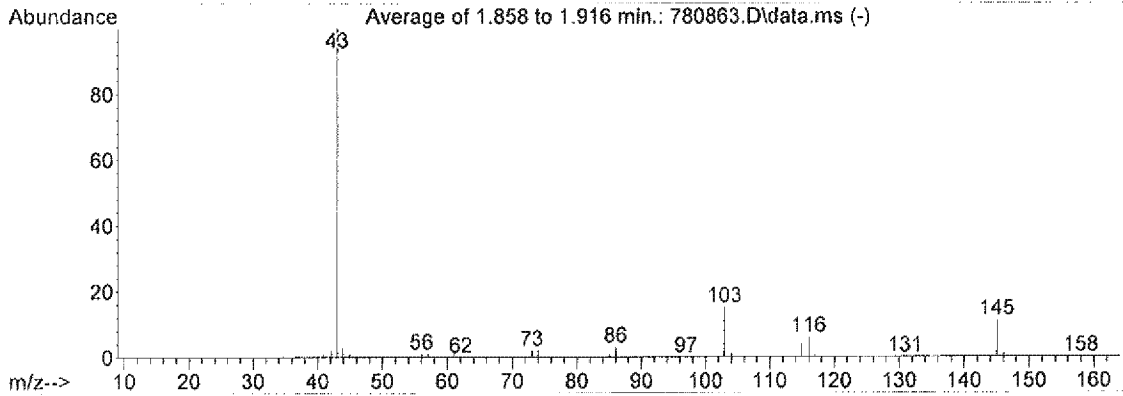

Information from Data File:
File Name   : F:\Q2-2011\SYSTEM 7\04_06_11\780863.D
Operator   : LAG
Date Acquired : 7 Apr 2011   1:23
Sample Name   : ███████████
Submitted by   : ASD
Vial Number   : 63
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %
1.890	242355	23.47	38.24
2.732	156392	15.15	24.68
6.385	633757	61.38	100.00

780863.D   Thu Feb 02 13:44:47 2012   Page   1

Area Percent / Library Search Report
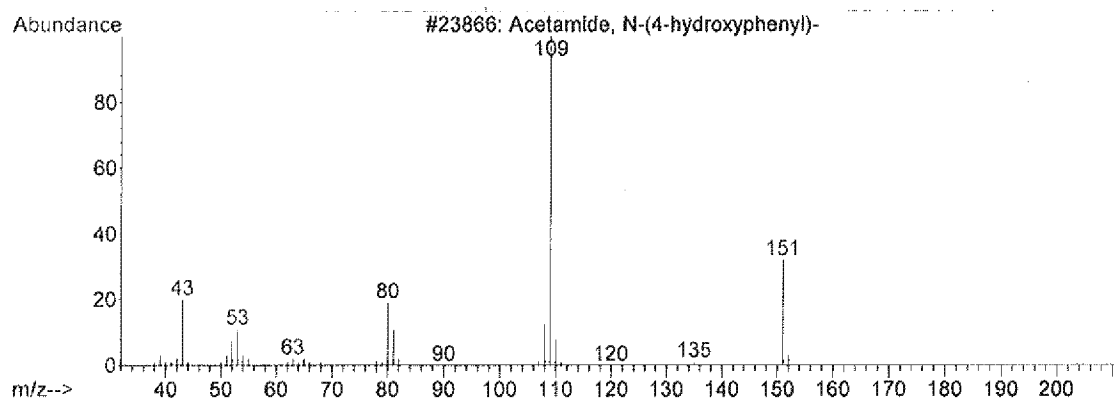
Information from Data File:
```
File Name       :  F:\Q2-2011\SYSTEM 7\04_06_11\780863.D
Operator        :  LAG
Date Acquired   :  7 Apr 2011   1:23
Sample Name     :  ███████████
Submitted by    :  ASD
Vial Number     :  63
AcquisitionMeth :  DRUGS.M
Integrator      :  RTE
```

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                   C:\Database\NIST05a.L   Minimum Quality: 80
                   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	1.89	C:\Database\NIST05a.L		
		Triacetin	000102-76-1	90
		Triacetin	000102-76-1	90
		Triacetin	000102-76-1	90

Abundance   Average of 1.858 to 1.916 min.: 780863.D\data.ms (-)
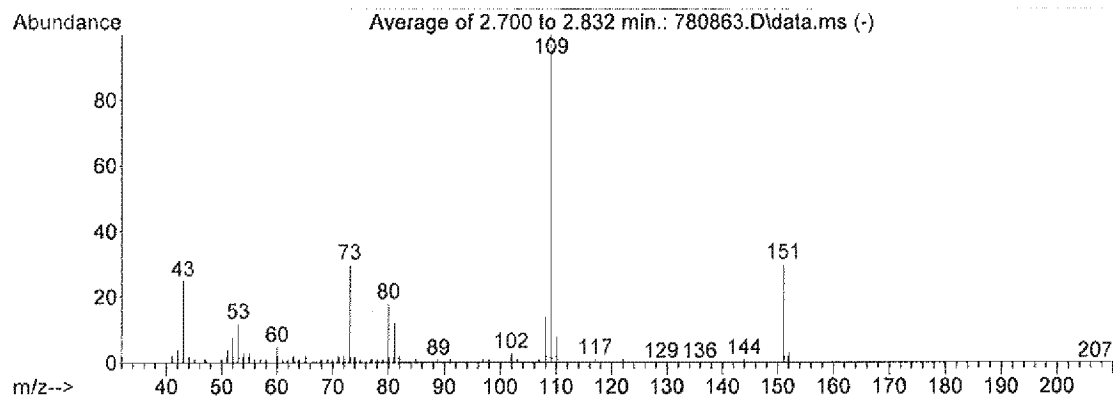
Abundance   #70185: Triacetin

Information from Data File:
File Name   : F:\Q2-2011\SYSTEM 7\04_06_11\780863.D
Operator   : LAG
Date Acquired : 7 Apr 2011   1:23
Sample Name   : ████████
Submitted by : ASD
Vial Number   : 63
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST05a.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.73	C:\Database\NIST05a.L		
		Acetamide, N-(4-hydroxyphenyl)-	000103-90-2	95
		Acetamide, N-(4-hydroxyphenyl)-	000103-90-2	94
		Acetamide, N-(4-hydroxyphenyl)-	000103-90-2	93

Abundance   Average of 2.700 to 2.832 min.: 780863.D\data.ms (-)

Abundance   #23866: Acetamide, N-(4-hydroxyphenyl)-
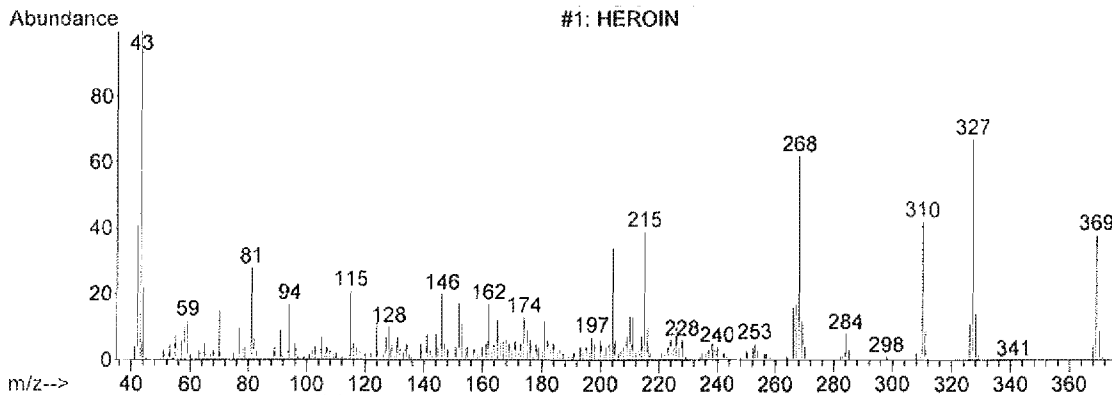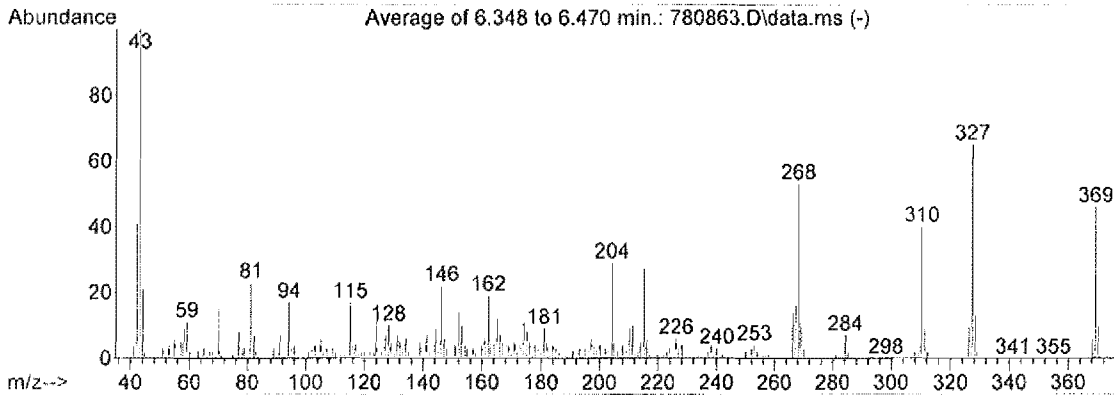
Information from Data File:
File Name   : F:\Q2-2011\SYSTEM 7\04_06_11\780863.D
Operator   : LAG
Date Acquired : 7 Apr 2011   1:23
Sample Name   : ███████████
Submitted by   : ASD
Vial Number   : 63
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST05a.L   Minimum Quality: 80
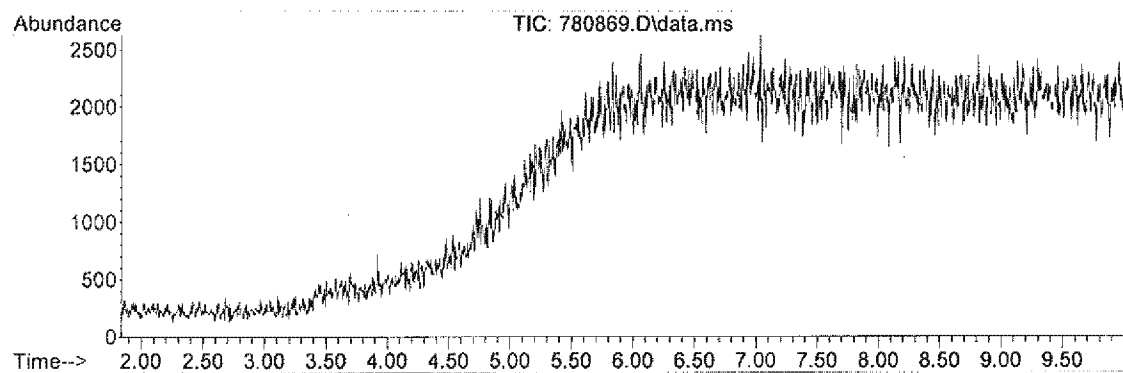   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	6.39	C:\Database\SLI.L		
		HEROIN	000561-27-3	99

Abundance — Average of 6.348 to 6.470 min.: 780863.D\data.ms (-)

Abundance — #1: HEROIN

Area Percent / Library Search Report

Information from Data File:
```
File Name       : F:\Q2-2011\SYSTEM 7\04_06_11\780869.D
Operator        : LAG
Date Acquired   :  7 Apr 2011   2:37
Sample Name     : BLANK
Submitted by    :
Vial Number     :    2
AcquisitionMeth: DRUGS.M
Integrator      : RTE
```
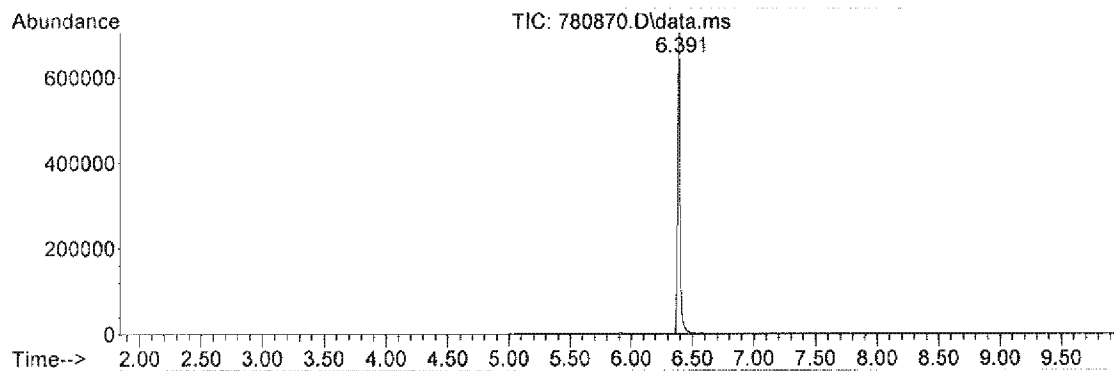

Abundance — TIC: 780869.D\data.ms

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
```
File Name       : F:\Q2-2011\SYSTEM 7\04_06_11\780870.D
Operator        : LAG
Date Acquired   : 7 Apr 2011    2:50
Sample Name     : HEROIN STD
Submitted by    :
Vial Number     : 51
AcquisitionMeth : DRUGS.M
Integrator      : RTE
```


Ret. Time	Area	Area %	Ratio %
6.391	1009849	100.00	100.00

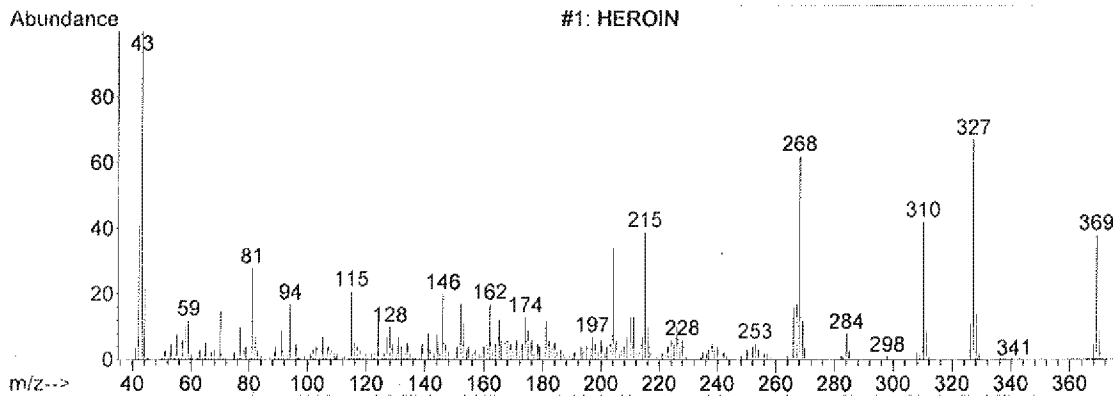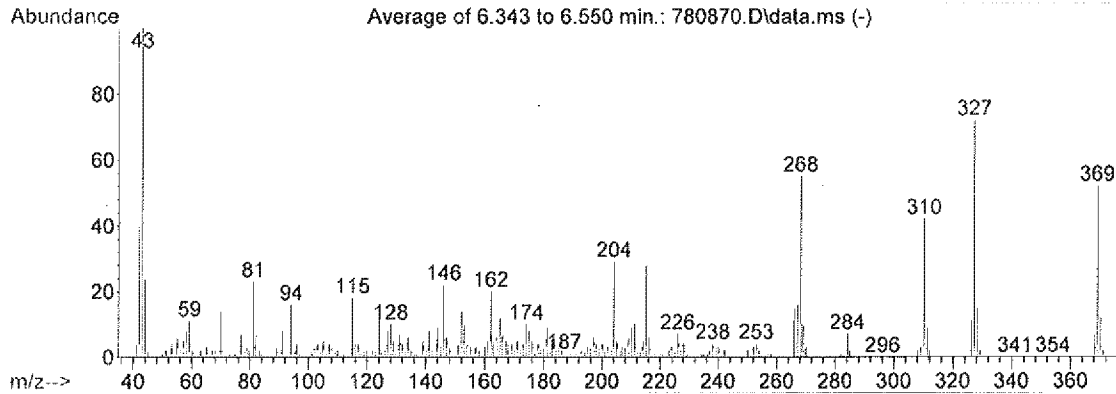
Information from Data File:
```
File Name      :  F:\Q2-2011\SYSTEM 7\04_06_11\780870.D
Operator       :  LAG
Date Acquired  :  7 Apr 2011   2:50
Sample Name    :  HEROIN STD
Submitted by   :
Vial Number    :  51
AcquisitionMeth:  DRUGS.M
Integrator     :  RTE
```

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                     C:\Database\NIST05a.L   Minimum Quality: 80
                     C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.39	C:\Database\SLI.L		
		HEROIN	000561-27-3	99

Average of 6.343 to 6.550 min.: 780870.D\data.ms (-)

#1: HEROIN

Folk_OIG_PRR_019993